

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
29810US3SERIAL NO.
N/AINFORMATION DISCLOSURE CITATION
BY APPLICANT
(USE SEVERAL SHEETS IF NECESSARY)APPLICANT:
Vincent L. Bobrosky, et al.FILING DATE:
HerewithGROUP ART UNIT:
N/A

J1040 U.S. PTO

09/899010



U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
CKM	A	4,838,907	06/1989	Perry			
	B	4,952,831	08/1990	Isozumi, et al.			
	C	4,959,885	10/1990	Sovis, et al.			
	D	4,960,446	10/1990	Werner, et al.			
	E	4,970,753	11/1990	Herron			
	F	4,984,648	01/1991	Strzok			
	G	5,016,316	05/1991	McAllise, et al.			
	H	5,092,915	03/1992	Lackner			
	I	5,115,537	05/1992	Meyer, et al.			
	J	5,141,540	08/1992	Helmus			
	K	5,152,027	10/1992	LaBoda			

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
CKM	A	4,648,150	03/1987	Morishita, et al.			
	B	4,660,247	04/1987	Frohbieter, et al.			
	C	4,709,124	11/1987	Wheeler, et al.			
	D	4,709,443	12/1987	Bigley			
	E	4,710,658	12/1987	Stahl			
	F	4,726,825	02/1988	Natale			
	G	4,733,429	03/1988	Jacob, et al.			
	H	4,754,520	07/1988	Steadings, et al.			
	I	4,766,640	08/1988	Martin, et al.			
	J	4,798,984	01/1989	Suzuki, et al.			
	K	4,805,521	02/1989	Eckebring, et al.			

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CKM	A	5,187,832	02/1993	Meyer, et al.			
	B	5,192,888	03/1993	Fleer			
	C	5,230,722	07/1993	Yonkers			
	D	5,247,719	09/1993	Wareham, et al.			
	E	5,259,854	11/1993	Newman			
	F	5,279,018	01/1994	Glenn			
	G	5,285,550	02/1994	Meyer, et al.			
	H	5,293,664	03/1994	Lim, et al.			
	I	5,301,388	04/1994	Zeren			
	J	5,307,538	05/1994	Rench, et al.			
	K	5,314,300	05/1994	Gatley, et al.			

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Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
CKM	A	5,331,715	07/1994	Johnson, et al.			
	B	5,335,740	08/1994	Meyer, et al.			
	C	5,339,916	08/1994	Louis			
	D	5,365,633	11/1994	Sunagawa, et al.			
	E	5,406,674	04/1995	Lawter, et al.			
	F	5,414,893	05/1995	Hampton, et al.			
	G	5,444,315	08/1995	Adam, et al.			
	H	5,564,160	10/1996	Luebbering			
	I	5,573,369	11/1996	Du			
	J	5,720,074	02/1998	Lee			
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Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
CKM	A	2,922,054	01/1960	Miller			
	B	3,217,350	11/1965	Waters, et al.			
	C	3,218,876	11/1965	Berger			
	D	3,273,195	09/1966	Jepson, et al.			
	E	3,279,157	10/1966	Andersson-Sason, et al.			
	F	3,343,199	09/1967	Nolte			
	G	3,344,588	10/1967	Szabo			
	H	3,353,338	11/1967	Nilsson			
	I	3,383,765	05/1968	Meltzer	15	413 x	
	J	3,451,495	06/1969	Bayless, et al.			
	K	3,466,696	09/1969	Grellsson			
	L	3,491,519	01/1970	Ettridge			

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		Document No.	Date	Country	Class	Subclass	Translation
CKM	M	2 098 055 A	11/82	Great Britain			English Text
↓	N	769,015	02/1957	United Kingdom	15	413	English Text
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Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
CKM	A	1,603,020	10/1926	Boldt, et al.			
	B	1,616,566	02/1927	Barker			
	C	1,759,947	05/1930	Lee			
	D	1,802,228	04/1931	Witte			
	E	1,820,350	08/1931	Dance			
	F	1,953,340	04/1934	Doemling	15	413 x	
	G	1,992,042	02/1935	Rurka			
	H	2,039,860	5/1936	Watts	15	413	
	I	2,183,737	12/1939	Bilde			
	J	2,300,266	10/1942	Smellie			
	K	2,394,798	02/1946	McNeal			
	L	2,656,097	10/1953	Sheahan			
↓	M	2,867,833	01/1959	Duff			

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		Document No.	Date	Country	Class	Subclass	Translation
CKM	N	0 438 827 A1	7/91	European			English Text
	P	1 489 316	10/77	Great Britain			English Text
	Q	1 538 519	1/79	Great Britain			English Text
	R	2 144 625 A	3/85	Great Britain			English Text
↓	S	2 291 336 A	1/96	Great Britain			English Text

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CKM	A	3,510,904	05/1970	Lagerstrom			
	B	3,608,333	09/1971	Selley, et al.			
	C	3,614,860	10/1971	Grellsson			
	D	3,618,687	11/1971	Ripple, et al.			
	E	3,675,268	07/1972	Nordeen			
	F	3,721,071	03/1973	Mueller, et al.			
	G	3,766,347	10/1973	Brooks, et al.			
	H	3,854,164	12/1974	Schmitz			
	I	3,866,263	02/1975	Crouser, et al.			
	J	3,938,216	02/1976	Schmitz, et al.			
	K	3,962,746	06/1976	Johnson, et al.			

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CKM	A	4,364,146	12/1982	Bowerman			
	B	4,434,865	03/1984	Tschudy, et al.			
	C	4,452,618	06/1984	Kuplas			
	D	4,523,117	06/1985	Daniels			
	E	4,554,700	11/1985	Lyman			
	F	4,554,701	11/1985	Van Raajj			
	G	4,581,787	04/1986	Torigoe, et al.			
	H	4,613,348	09/1986	Natale			
	I	4,615,071	10/1986	Frohbieter			
	J	4,623,811	11/1986	Nystuen, et al.			
	K	4,624,027	11/1986	Martin			

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CKM	A	3,971,643	07/1976	Hufton			
	B	4,015,308	04/1977	Rickmers			
	C	4,037,290	07/1977	Rose, et al.			
	D	4,103,416	08/1978	Sakamoto			
	E	4,104,484	08/1978	Ijlstra, et al.			
	F	4,108,268	08/1978	Block			
	G	4,124,916	11/1978	Fromknecht			
	H	4,193,604	03/1980	Sarvanne			
	I	4,249,281	02/1981	Meyer, et al.			
	J	4,347,643	09/1982	Bair			
✓	K	4,351,078	09/1982	Sternberg			

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